

Title (en)  
POWER TRANSFER UNIT

Title (de)  
KRAFTÜBERTRAGUNGSEINHEIT

Title (fr)  
UNITÉ DE TRANSFERT DE PUISSANCE

Publication  
**EP 2978098 A1 20160127 (EN)**

Application  
**EP 15176219 A 20150710**

Priority  
JP 2014143432 A 20140711

Abstract (en)  
A power transfer unit (1, 201, 301, 401, 501) includes a power supply portion (13, 413), a power transfer portion (11), a voltage detector (17, 417), a power transfer current detector (18), and a controller (12, 212, 312, 412, 512), and the controller is configured to control a power transfer voltage value on the basis of an output voltage value detected by the voltage detector and an output current value detected by the power transfer current detector.

IPC 8 full level  
**H02J 5/00** (2016.01)

CPC (source: EP US)  
**H02J 50/12** (2016.02 - EP US); **H02J 50/90** (2016.02 - EP US)

Citation (applicant)  
JP 2002272134 A 20020920 - MITSUBISHI HEAVY IND LTD

Citation (search report)

- [X] US 2014167523 A1 20140619 - TAMAKI KAZUTAKA [JP], et al
- [X] WO 2013128641 A1 20130906 - HITACHI LTD [JP], et al
- [X] JP 2014110733 A 20140612 - TDK CORP

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2978098 A1 20160127**; JP 2016021786 A 20160204; US 2016013662 A1 20160114

DOCDB simple family (application)  
**EP 15176219 A 20150710**; JP 2014143432 A 20140711; US 201514797879 A 20150713